

P#3

SHEET 1 OF 4

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 219338US2 CONT		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Eishun TSUCHIDA, et al.			
				FILING DATE Herewith		GROUP 3762	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
OB	AO	4-59735	2/26/1992	Japan			X
	AP						
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	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
OB	AW	Djordjevich and Miller, LIPID ENCAPSULATED HEMOGLOBIN AS A SYNTHETIC ERYTHROCYTE, Federation Proceedings vol. 36, 1977					
↓	AX	Tsuchida ed., Perspectives of Blood Substitutes, Blood Substitutes - Present and Future Perspectives, Elsevier, Amsterdam, 1-14, 1998					
↓	AY	Sakai et al., Suppression of Methemoglobin Formation by Glutathione in a Concentrated Hemoglobin Solution and in a Hemoglobin-Vesicle, Bull. Chem. Soc., 67, 1120-1125, 1994					
OB	AZ	Takeoka et al., Reduction of Methemoglobin via Electron Transfer across the Bilayer Membrane of Hb Vesicles, Bull. Chem. Soc. Jpn., 70, 1171-1178, 1997					
Examiner <i>Blanc</i>					Date Considered 11/24/03		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
DB	AW	Vorkink et al., Photoreduction of Horse Heart Cytochrome c, Photochem. Photobiol. 19, 205-215, 1974 /					
↓	AX	Kitagawa et al., Quaternary Structure-induced Photoreduction of Haem of Haemoglobin, Nature, 281, 503-504, 1979 /					
↓	AY	Kitagawa et al., Resonance Raman Study of Subunit Assembly Dependent Photoreduction of Heme of Extracellular Giant Hemoglobin, J. Am. Chem. Soc. 106, 1860-1862, 1984					
DB	AZ	Morikis et al., Resonance Raman Studies of Iron Spin and Axial Coordination in Distal Pocket Mutants of Ferric Myoglobin, J. Biol. Chem. 265, 12143-12145, 1990					
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DB	AW	Saga et al., Resonance Raman studies of oriented chromophores: Metmyoglobin single crystals, J. Chem. Phys. 90, 3015-3032, 1989					
	AX	Gu et al., Photoreduction of Heme Proteins: Spectroscopic Studies and Cross-Section Measurements, J. Am. Chem. Soc., 115, 4993-5004, 1993					
	AY	Pierre et al., One-Electron Photoreduction of Bacterial Cytochrome P-450 by Ultraviolet Light, Eur. J. BioChem. 124, 533-537, 1982					
DB	AZ	Bazin et al., One-Electron Photoreduction of Bacterial Cytochrome P-450 by Ultraviolet Light, Eur. J. BioChem. 124, 539-544, 1982					
Examiner					Date Considered		
DeBianco					11/21/03		
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
SUB	AV	Yubisui et al., Stopped Flow Studies on the Nonenzymatic Reduction of Methemoglobin by Reduced Flavin Mononucleotide, J. Biol. Chem. 255, 11694-11697, 1980					
↓	AW	Everse, Photochemical Reduction of Methemoglobin and Methemoglobin Derivatives, Methods Enzymol. 231, 524-536, 1994					
↓	AX	Sakai et al., Physical Properties of Hemoglobin Vesicles as Red Cell Substitutes, Biotechnol. Progress, 12, 119-125, 1996					
↓	AY	Sakai et al., Surface Modification of Hemoglobin Vesicles with Poly (ethylene glycol) and Effects on Aggregation, Viscosity, and Blood Flow during 90 % Exchange Transfusion in Anesthetized Rats, Bioconjugate Chem. 8, 23-30, 1997					
SUB	AZ	Ogata et al., The development of the Neo Red Cells (NRC) with enzymatic reduction system of the methemoglobin, Artificial Blood, 2, 62-66, 1994					
Examiner <i>ABianu</i>					Date Considered <i>11/24/03</i>		

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